

CLAIMS

1. Use of zinc sulphide as agent for combating acarids.
2. Composition with acarid-combating properties comprising zinc sulphide as additive.
3. Composition according to Claim 2, characterized in that the proportion by weight of zinc sulphide with respect to the total weight of the composition is less than or equal to 5%.
4. Composition according to any one of Claims 1 to 3, characterized in that the composition is a liquid or solid composition for cleaning and/or treating textile surfaces, in particular carpets, including fitted carpets.
5. Composition according to Claim 4, characterized in that the proportion of zinc sulphide represents at least 0.05% of the dry weight of the composition.
6. Composition according to Claim 4 or 5, characterized in that the composition is a liquid composition comprising from 10 to 98% of its weight of water and optionally from 0.1 to 50% of its weight of at least one organic solvent.
7. Composition according to Claim 4 or 5, characterized in that the composition is a composition

comprising at least one filler, in particular a sodium borate decahydrate.

8. Composition according to Claim 7, characterized in that the filler represents from 40 to 98.5% of the weight of the composition.

9. Composition according to one of Claims 1 to 3, characterized in that the composition is polymeric.

10. Composition according to Claim 9, characterized in that the polymeric composition comprises a thermoplastic matrix.

11. Composition according to Claim 10, characterized in that the thermoplastic matrix is a thermoplastic polymer chosen from the group consisting of polyamides, such as polyamide 6, polyamide 6,6, polyamide 11, polyamide 12, polyamide 4 or polyamides 4,6, 6,10, 6,12, 6,36 or 12,12; polyesters, such as PET, PBT or PTT; polyolefins, such as polypropylene or polyethylene; aromatic polyamides, polyamideimides or polyimides; latices, such as acrylic and urethane latices; PVC, viscose, cellulose, cellulose acetate; and their copolymers and alloys.

12. Yarns, fibres or filaments obtained by spinning, such as melt spinning or wet spinning, a polymeric composition according to one of Claims 9 to 11.

13. Article formed from a polymeric composition according to one of Claims 9 to 11.

14. Article obtained from yarns, fibres or filaments according to Claim 12.

15. Composite textile article with acarid-combating properties, characterized in that at least one of the components of the article comprises zinc sulphide.

16. Textile article according to Claim 15, characterized in that it comprises, as components, at least one backing and yarns, fibres or filaments.

17. Textile article according to Claim 16, characterized in that it comprises an adhesive.

18. Textile article according to one of Claims 15 to 17, characterized in that the yarns, fibres or filaments comprise zinc sulphide.

19. Textile article according to one of Claims 15 to 18, characterized in that the backing comprises zinc sulphide.

20. Textile article according to one of Claims 17 to 19, characterized in that the adhesive comprises zinc sulphide.

21. Textile article according to one of Claims 15 to 20, characterized in that it is a flocked surface or a tufted surface.